

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 24002.0010P1	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US02/27512	International filing date (<i>day/month/year</i>) 28 AUGUST 2002	(Earliest) Priority Date (<i>day/month/year</i>) 28 AUGUST 2001
Applicant XIMED GROUP PLC		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:
- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the
- ☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.
2. ☐ Certain claims were found unsearchable (See Box I).
3. ☐ Unity of invention is lacking (See Box II).
4. With regard to the title,
- ☒ the text is approved as submitted by the applicant.
- ☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

- ☐ the text is approved as submitted by the applicant.
- ☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No. -3

- ☐ as suggested by the applicant.
- ☒ because the applicant failed to suggest a figure.
- ☐ because this figure better characterizes the invention.
- ☐ None of the figures.

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

NEW ABSTRACT

Composition and methods for prevention and treatment of plant infections. A composition comprising a single terpene, a terpene mixture, or a liposome-terpene composition is disclosed. The composition can be a true solution of an effective amount of an effective terpene and a carrier such as water. The composition can be a suspension or an emulsion of terpene, surfactant and carrier. The composition of the invention can be administered before or after onset of the disease.

Administration can be, for example, by watering or injecting plants with a solution of the present invention. A true solution of terpene and water can be formed by mixing terpene and water at a solution-forming shear rate in the absence of a surfactant.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/27512

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A01N 27/00; A61K 31/015

US CL : 514/763

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/763

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WEST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Database CAAB on WEST, ACCESSION NO. 1996-231114, 'Disinfectant contg. ionone, another terpene and nonionic surfactant - is used for treatment of bacterial and fungal foot disease in farm animals', CA 2141761A, Connell et al, 24 February 1996, see abstract.	1-8,10-21
Y	Database JPAB on WEST, ACCESSION NO. 1991-320292, 'New detergent composition effective against flux and soldering oil - contains terpens cpd(s), nonionic anionic, cationic and amphoteric surfactants, fluorine type surfactants and water', JP03212497, 18 September 1991. See abstract.	1-8,10,12-21

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"B" earlier document published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"G" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

11 DECEMBER 2002

Date of mailing of the international search report

14 MAR 2003

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/27512

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Database JPAB on WEST, ACCESSION NO. 1990-118683, 'Fungicide for plant blight - contg. sesqui-terpene(s) cpds. substd, by formyl or carbo-methoxy gps', JP02067208A, 07 March 1990. see abstract	1-5,7,8,12-16,18- 25,28,31,32,35,39,4 1,44,45